

## WPI

TI - Drive for wheel-chair with external rotor motor - has external rotor fixed bearing axle mounted on wheel-chair frame via quick release connection and contg. feed for delivering current to electromagnetic brake release

AB - DE29803665 The drive (1) has a gearless electric hub-mounted DC motor with a brake rotor (9) attached to the external rotor (2). The brake rotor is prevented from rotating in the no-current state of the armature plate (10) of a spring pressure brake and can be electromagnetically or mechanically relieved of spring (11) pressure.

- The external rotor has a fixed bearing axle (20) mounted on the frame (23) by a quick release connection (22) and contg. a feed (28) for delivering current to the electromagnetic brake release. The motor stator (7) is mounted on the side of the rotor facing the wheel-chair in the operating position and the brake disc (9) is mounted on the side of the rotor facing away from the chair.

- ADVANTAGE - Enables problem-free braking operation by the wheel-chair user and enables the wheels to be easily and rapidly removed and replaced with the drive..

- (Dwg.1/2)

PN - DE29803665U U1 19980507 DW199824 B60T13/74 016pp

PR - DE19982003665U 19980303

PA - (HEIN-N) HEINZMANN GMBH CO KG FRITZ

MC - S05-G02A V06-M10 V06-U03 X21-A01A

DC - P33 Q13 Q18 S05 V06 X21

IC - A61G5/04 ;B60K7/00 ;B60T13/04 ;B60T13/74 ;H02K7/102

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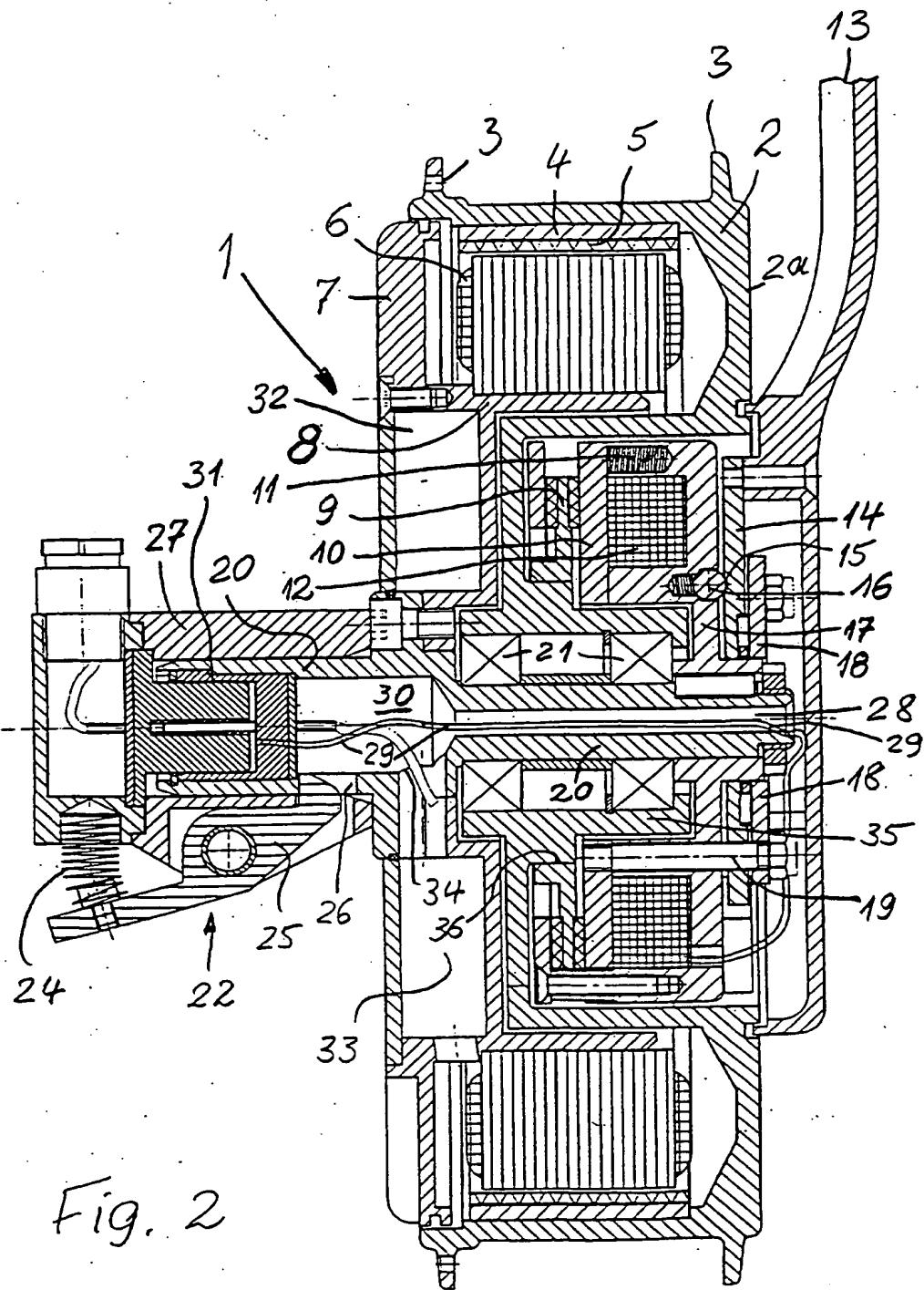


Fig. 2